

AMENDMENTS TO THE CLAIMS

1-5. (Cancelled)

6. (Currently Amended) ~~The connector with electronic module according to claim 1,~~

A connector with electronic module, comprising:

an isolation chassis, said isolation chassis having a receiving space at one side and a space at the other apart from said receiving space, and a through channel between said receiving space and said space;

a plurality of terminals having a flat base, and said base comprising a connecting end at one side and a securing end apart from said connecting end, wherein said connecting end of said terminals can be passed through said through channel of said isolation chassis;

a circuit board, having a plurality of contact points for having electrical contact with said securing end of said terminals and a plurality of electronic elements positioned thereon; and

a transmission module, said transmission module having a terminal set for inlaying positioning a plurality of transmission terminals, each said transmission terminals have a welding end formed at one end portion of the base and a bent securing end at other end thereof, wherein said securing end can have an electrical contact with said plurality of contact points set on the other side of said circuit board, and wherein said circuit board and said transmission module can be positioned within said space of said isolation chassis,

wherein said space of said isolation chassis comprises buckling grooves on the two sidewalls thereof, and said terminal set of said transmission module comprises

corresponding buckles on the two sidewalls thereof for buckling to said buckling grooves of said isolation chassis for positioning.

7. (Currently Amended) ~~The connector with electronic module according to claim 1,~~

A connector with electronic module, comprising:

an isolation chassis, said isolation chassis having a receiving space at one side and a space at the other apart from said receiving space, and a through channel between said receiving space and said space;

a plurality of terminals having a flat base, and said base comprising a connecting end at one side and a securing end apart from said connecting end, wherein said connecting end of said terminals can be passed through said through channel of said isolation chassis;

a circuit board, having a plurality of contact points for having electrical contact with said securing end of said terminals and a plurality of electronic elements positioned thereon; and

a transmission module, said transmission module having a terminal set for inlaying positioning a plurality of transmission terminals, each said transmission terminals have a welding end formed at one end portion of the base and a bent securing end at other end thereof, wherein said securing end can have an electrical contact with said plurality of contact points set on the other side of said circuit board, and wherein said circuit board and said transmission module can be positioned within said space of said isolation chassis,

wherein said space of said isolation chassis comprises grooves on the two sidewalls, and said terminal set of said transmission module comprises corresponding tracks on the two sidewalls thereof for fitting into said grooves of said isolation chassis for positioning.

8. (Currently Amended) ~~The connector with electronic module according to claim 1,~~  
A connector with electronic module, comprising:

an isolation chassis, said isolation chassis having a receiving space at one side and a space at the other apart from said receiving space, and a through channel between said receiving space and said space;

a plurality of terminals having a flat base, and said base comprising a connecting end at one side and a securing end apart from said connecting end, wherein said connecting end of said terminals can be passed through said through channel of said isolation chassis;

a circuit board, having a plurality of contact points for having electrical contact with said securing end of said terminals and a plurality of electronic elements positioned thereon; and

a transmission module, said transmission module having a terminal set for inlaying positioning a plurality of transmission terminals, each said transmission terminals have a welding end formed at one end portion of the base and a bent securing end at other end thereof, wherein said securing end can have an electrical contact with said plurality of contact points set on the other side of said circuit board, and wherein said circuit board and said transmission module can be positioned within said space of said isolation chassis,

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wherein said terminal set of said transmission module comprises a plurality of  
through grooves for positioning said transmission terminals.

9. (Cancelled)